

~~1. A coding device for coding first information according to second information, comprising:
receiving means for receiving the first information and the second information; and
coding means for coding the first information according to the second information so that
decoding is performed by utilizing an energy distribution possessed by the first information.~~

3. A coding device according to claim 1, wherein the first and second information are information of identical or different media.

5. A coding method for coding first information according to second information, , comprising the steps of:

- receiving the first information and the second information; and
- coding the first information according to the second information so that decoding is performed by utilizing an energy distribution possessed by the first information.

6. A decoding device for decoding coded data obtained by coding first information according to second information, comprising:

- receiving means for receiving the coded data; and
- decoding means for decoding the coded data into the first information and the second information by utilizing an energy distribution possessed by the first information.

7. A decoding device according to claim 6, wherein said decoding means decodes said coded data into the first information and the second information by utilizing at least one of the correlation, continuity, and similarity of the first information.

8. A decoding device according to claim 6, wherein the first information and the second information are information of identical or different media.

9. A decoding device according to claim 6, wherein the first information is an image,

receiving the coded data; and

decoding the coded data into the first and the second information by utilizing an energy

11. An information processing apparatus including a coding device for coding first

coding means for coding the first information according to the second information and for

decoding means/for decoding the coded data into the first information and the second

12. An information processing apparatus according to claim 11, wherein said coding means

13. / An information processing apparatus according to claim 11, wherein said decoding means

14. An information processing apparatus according to claim 11, wherein the first information

15. An information processing apparatus according to claim 11, wherein the first information

16. An information processing method for an information processing apparatus which

coding the first information according to the second information by said coding device so that

~~outputting the coded data from said coding device; and~~

decoding the coded data, by said decoding device, into the first information and the second information by utilizing the energy distribution possessed by the first information.

17. A storage medium for storing coded data obtained by coding first information according to second information so that decoding is performed by utilizing an energy distribution of the first information.

18. A storage medium according to claim 17, wherein the coded data is obtained by coding the first information according to the second information so that decoding is performed by utilizing at least one of the correlation, continuity, and similarity of the first information.

19. A storage medium according to claim 17, wherein the first information and the second information are information of identical or different media.

20. ~~A storage medium according to claim 17, wherein the first information is an image.~~

[illegible]